

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU02/00500

**A. CLASSIFICATION OF SUBJECT MATTER**Int. Cl. <sup>7</sup>: A61B 5/00, A61F 11/04, A61N 1/36, H04R 25/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

**REFER ELECTRONIC DATABASE CONSULTED BELOW.**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI &amp; keywords: evoke, neural, nerve, physiologic, ecap, stimulus, stimulat, artifact, artefact, compensat, counter, negate, cancel, oppos, revers, alternat, polarity, and similar terms.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HARTMAN et al., "Evoked potentials from the auditory nerve...", Acta Oto-laryngologica, Scandinavian University Press, 114(5), September 1994, ISSN 0001-6489, pages 495-500 Page 496	1-33, 41-65, 72-79
X	US 4543956 A (HERSCOVICI) 1 October 1985 whole document	1-33, 41-65, 72-79
X	US 4895152 A (CALLAGHAN et al.) 23 January 1990 claim 1	1-33, 41-65, 72-79

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
21 June 2002Date of mailing of the international search report  
26 JUN 2002Name and mailing address of the ISA/AU  
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4373531 A (WITTKAMPF et al.) 15 February 1983 whole document	1-33, 41-65, 72-79
X	US 4114627 A (LEWYN et al.) 19 September 1978 whole document	34-40, 66-71
A	WO 97/09863 A1 (COCHLEAR LIMITED) 13 March 1997 page 10, line 32 - page 11, line 3 & page 11, line 31 - page 12, line 25	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU02/00500

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member		
US	4543956	NONE			
US	4895152	EP 236562	US	4858610	
US	4373531	EP 17848	US	4305396	US 4343312
US	4114627	BE 861850	DE	2755706	FR 2374023
		JP 53092582	NL	7713726	
WO	9709863	AU 68655/96	CA	2230603	EP 885548
		US 6205360			
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